APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

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DSIR LLU RTS 1576

Sci - Engr

128,849

Oct 60

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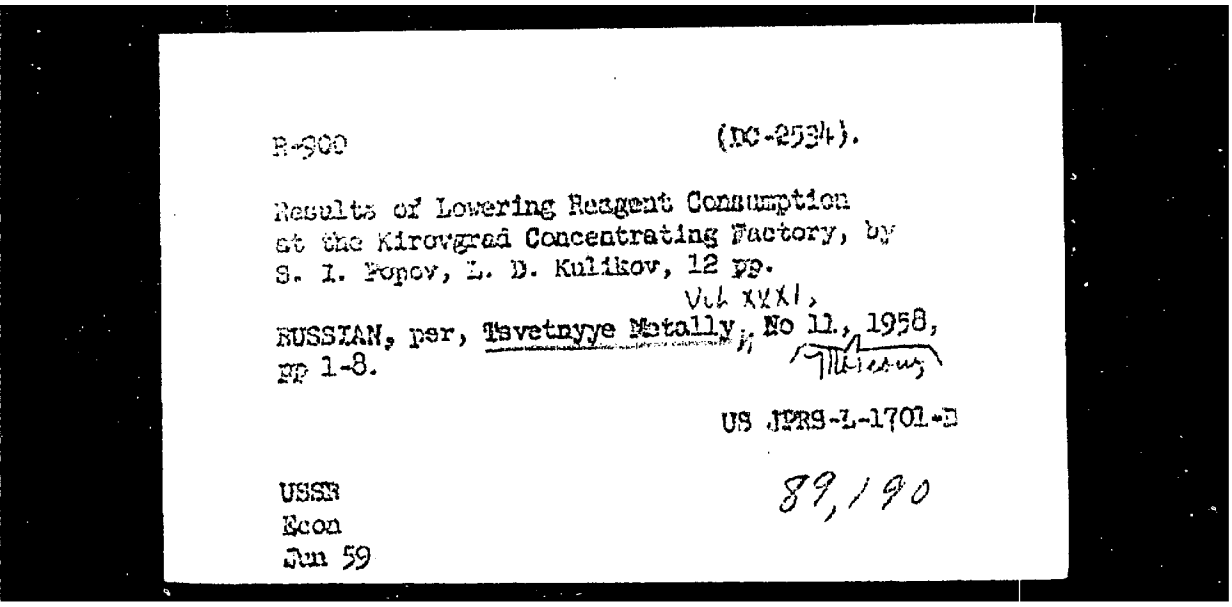

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Vol XXXI,

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US JPRS-L-1701-D

89,190

USSR
Econ
Jun 59

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SLA 60-1357
TS SMT-2157

DSIR LLU (loan) M.494

Sci - Min/Met
Sep 59

95, 866

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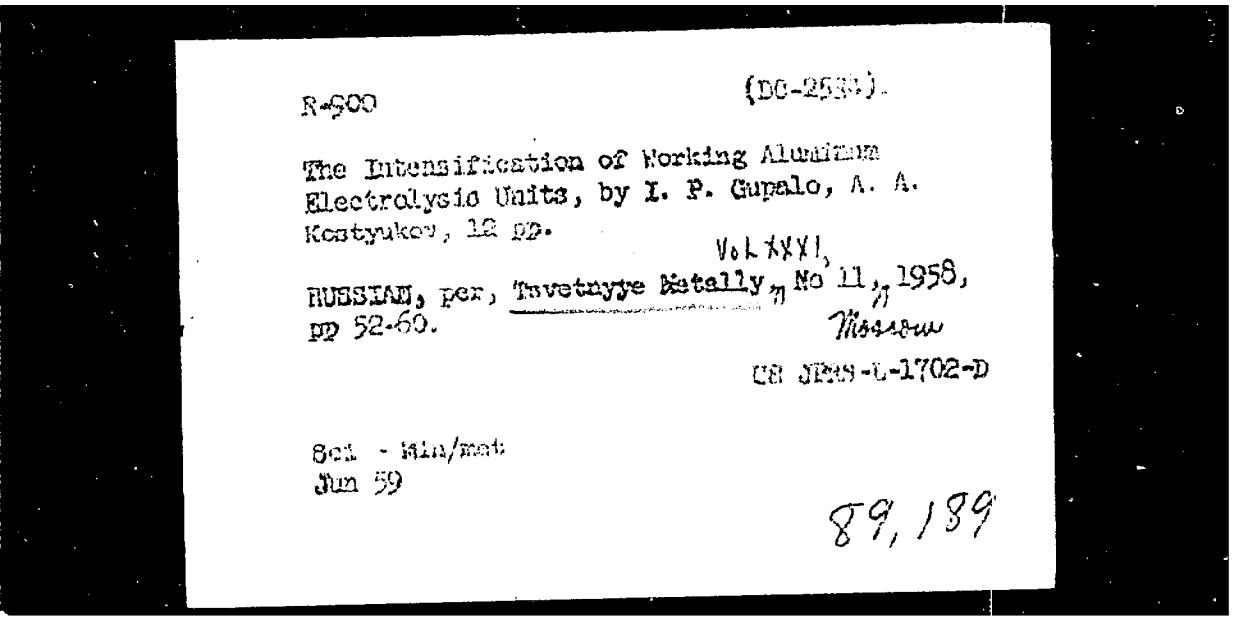

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Sci - Min/met
Jun 59

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Sci - Electricity
Jul 61

159, 471

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14 663 Fr-2

OZILEV I. Y.

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Electrolyse du cadmium dans des cellules munies de cathodes tournantes

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F/R-710 - French

Euratom

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JPRS-L-1762-D

USSR

Jul 59

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(DC-2683).

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JPRS-L-1762-D

USSR
Econ
Sci - Engr
Jul 59

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13 666 GE-1

OSTROUSHKO Yu. I.

Enamel electrolysis to obtain tantalum

Schmelzflusselektrolyse zur Gewinnung von Tantal

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German

Euratom

Ausschrift:
Amt für Dokumentation
Unter den Linden 5, Berlin W 8

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

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JPRS 17729

SCI - CHEM

MAR 63 223,944

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RUSSIAN, per, Tsvetnye Metal, No 12, 1958, pp 67-69.

DSIR LIU (loan) M.495
PS SMT-2165

Sci - Min/Met
Sep 59

95, 875

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DSIR LIU (loan) M.496

PS SMT-2171

Sci - Min/Met
Sep 59

95, 865

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R-900 MF (DC-2773)

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JPRS L-1674-D

USSR
Econ
Sci - Minerals/Metals
May 59

87,677

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Sci - Min/Met
Jul 61

159 472

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CIA/FDD X-3791

Sci - Min/met
Nov 59

AEC-3776
PS SMT 2257

100,230

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DSIR LLU M.1213
(1com)

Ps SMT 2265

122,540

Sci - Min/Met

Aug 60

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Primary Sources
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Sci - Min/Met
Jul 61

159 474

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DSIR LLU RTS 1502

Sci - Chem

Sep 60

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Primary Sources
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Sci - Min/Met
Jul 61

159, 473

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JPRS L-1674-D

USSR
Econ
Sci - Minerals/Metals
May 59

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JPRS L-1674-D

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Sci - Minerals/Metals
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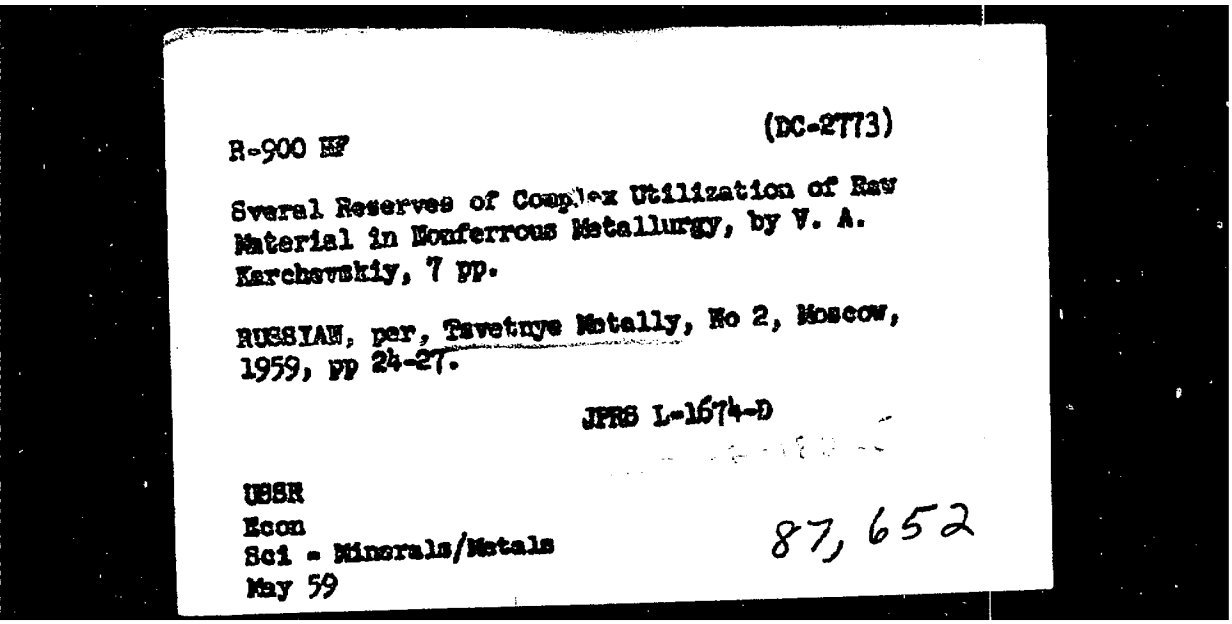

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JPRS L-1674-D

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Sci - Minerals/Metals
May 59

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DSIR LLU M.1214
AS SMT 2277
(loan)

Sci - Min/Met
May 60

116,587

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Sci - Min/Met

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Aug 60

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DSIR LLU M.1215
(loan)
PS SMT 2287

Sci - Min/Met

Aug 60

122,541

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Sci - Min/Met

Mar 60

111, 917

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ATIC MCL 139/1

Sci - Min/Met
Jun 61

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9661861.

ATIC MCL 139/1

Sci - Min.Met
Jun 61

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(NY-3001/1).

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JPRS-1961-N

USSR
Econ - Tech; Nonferrous Metals
Nov 59

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Iolko, M. V.
THE INFLUENCE OF SOME FACTORS ON THE PERFORMANCE OF CONVERTERS FOR BESSEMERIZING COPPER- AND COPPER-NICKEL MATTES.
June 60 [7]p. [DSIR LLU] M 3154.
Order from OTS or SLA $1.10 61-27514

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 3, p. 19-22.

DESCRIPTORS: Blast furnaces, *Smelting, Ores, Copper, Copper compounds, Nickel alloys, Oxygen, Minerals, Steel, Cast iron.

An analysis is made of the principal factors affecting the efficiency and economics of the conversion process. The use of oxygen-enriched blast in converters is the most useful method of intensifying the bessemerization process.
(Metallurgy, TT, v. 7, no. 1)

61-27514

1. Title: Bessemer process
I. Iolko, M. V.
II. DSIR LLU M. 3154
III. International Nickel Co. (Mond) Ltd. (Gt. Brit.)

Office of Technical Services

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JPRS-1961-N

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Nov 59

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Nov 59

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Nov 59

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The Contribution of Specialized Institutes of the Ural Region to the Development of Nonferrous Metallurgy, by V. A. Ustalov, 7 pp.

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Nov 59

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Is it Necessary to Hav a Gas Exhaust at the Anode Top of an Aluminum Electrolyzer?, by I. P. GUPALO

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Primary Sources
CR-2827

Sci - Electricity
Jul 61

159 475

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Nov 59

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Primary Sources
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Sci - Phys
Jul 61

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Homogenisation of Duralumin Ingots in Modern Electric Furnaces With Air Circulation, by A. I. Kolpashnikov, V. D. Korolev.

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PS SMT 2345
DSIR LLO M.1261
(loan)
965-9141
*ATIC MCL-271/III
MT-56
122,543

Sci - Min/Met
Aug 60

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ATIC MCL-271/III

Sci - Min/Met

USSR - Econ

Dec 60

135,628

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Determining the Production Costs of Complex Raw Material in Zinc Plants, by I. M. Gratsershteyn, L. A. Nezhinskaya, 12 pp.

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JPRS-2062-N

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NLL RTS 2126

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Sci - Electron
May 63

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Primary Sources
CR-2821

Sci - Chem
Jul 61

157 478

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Experimental Use of Oxygen in Lead Smelting Shaft Furnaces, by A.M. Vartanyan.

RUSSIAN, per Tsvetnye Metally, No 5, 1959, pp 46-49.

Primary Sources
CR-2699

Sci - Min.Met
Jul 61

159, 477

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Testing Filter-Thickness For the Filtration of Neutral Pulps From Zinc Cinder Leaching, by A.P. Snurnikov.

RUSSIAN, per, Tsvetnye Metally, No 5, 1959, pp 55-8.

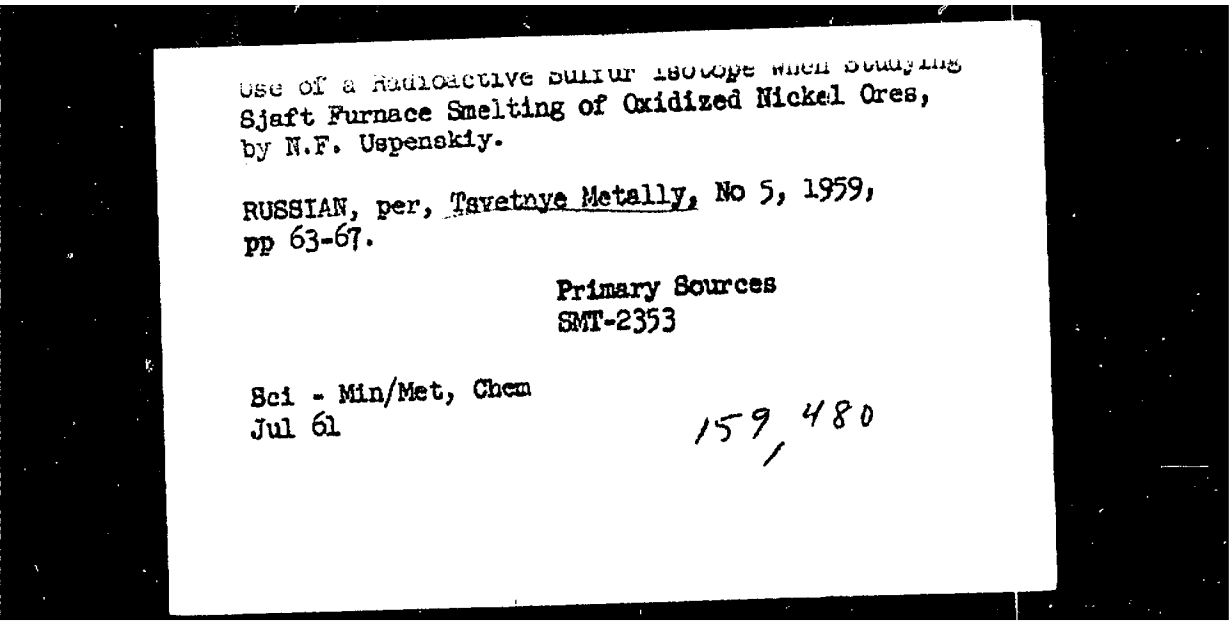
Primary Sources
CR-2825

Sci - Min/Met
Jul 61

153 479

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2



Use of a Radioactive Sulfur Isotope when Smelting
Sjaft Furnace Smelting of Oxidized Nickel Ores,
by N.F. Uspenskiy.

RUSSIAN, per, Tsvetnye Metally, No 5, 1959,
pp 63-67.

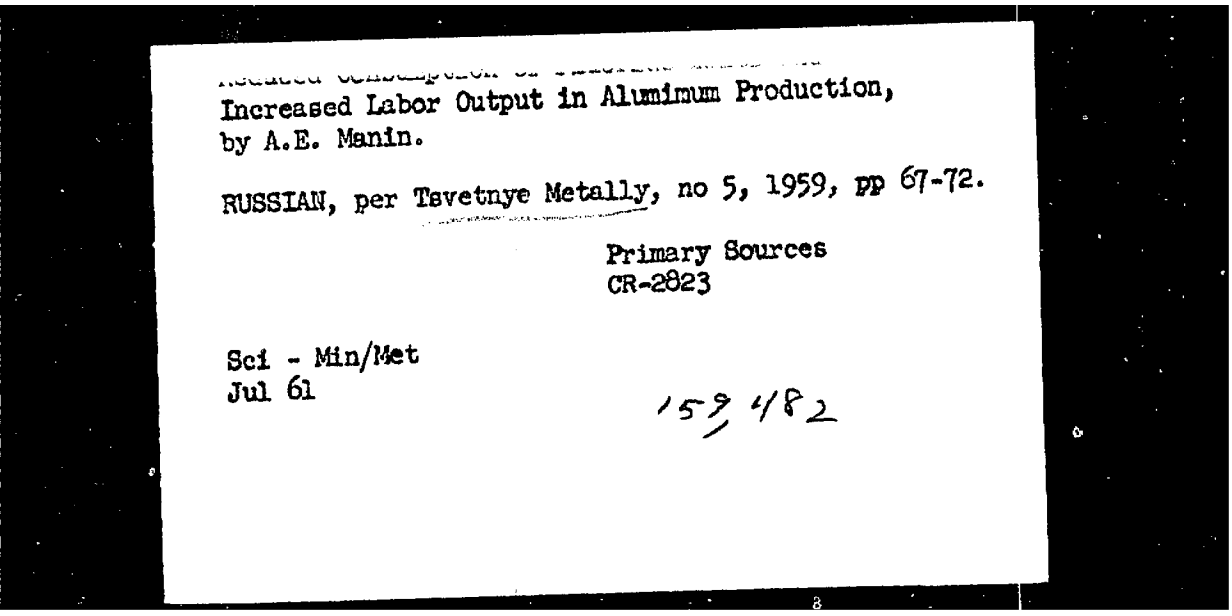
Primary Sources
SMT-2353

Sci - Min/Met, Chem
Jul 61

159 480

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2



Increased Labor Output in Aluminum Production,
by A.E. Manin.

RUSSIAN, per Tsvetnye Metally, no 5, 1959, pp 67-72.

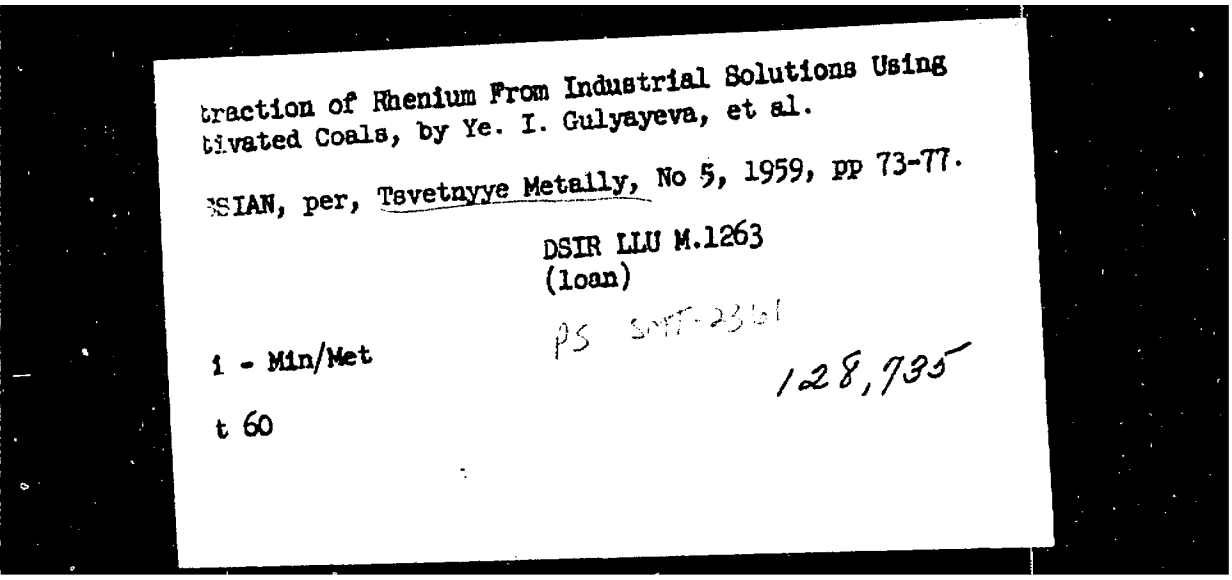
Primary Sources
CR-2823

Sci - Min/Met
Jul 61

159 482

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2



traction of Rhenium From Industrial Solutions Using
tivated Coals, by Ye. I. Gulyayeva, et al.

SIAN, per, Tsvetnyye Metally, No 5, 1959, pp 73-77.

DSIR LLU M.1263
(loan)

PS SMT-2361

1 - Min/Met

t 60

128,735

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

LOW-TEMPERATURE SINTERING OF MOLYBDENUM, BY
A. V. SAVIN, YU. A. EYDUK, 9 PP.

RUSSIAN, PER, TSVETNYYE METALLY, NO 5, 1959,
PP 81-84.

JPRS 17955

SCI - M/M

MAR 63

224,376

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

(NY-3001/2).

Dust From Lead Production as One of the Sources of Obtaining Dispersed Elements, by M. A. Vinogradova, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1959, pp 39-41/

JPRS-1977-N

USSR
Econ - Tech - Nonferrous Metals
Dec 59

104, 406

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

The Rolling of Aluminium Alloy Tubes as Practized in Tube Rolling Plants, by I. A. Fomichev, et al. UNCL

RUSSIAN, per, Tsvetnye Metal, No 6, 1959, pp 75-79.

DSIR LLU M.1264
PS SMT 2367
(loan)

111/124

Sci - Min/Met; Engr
Mar 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

(NY-2880).

S-5355

Certain Problems in the Production of Titanium by Electrolysis of Molten Media Using Soluble Anodes, by A B. Suchkov, B. A. Borok, T. N. Yermakova, M. I. Rodnyy, L. D. Boldina, 14 pp.

RUSSIAN, per, Tsvetnye Metally, No 6, 1959, pp 57-62.

JPRS-L-1007-N

Sci - Min/Met
Oct 59

98,948

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Dust Collection in Pilot and Industrial Electric Furnaces With Hermetically Sealed Charging Devices, by P.I. Voskresenski.

RUSSIAN, per Tsvetnye Metally, No 7, 1959, pp 23-30.

Primary Sources
SMT-2247

Sci - Engr
Jul 61

159, 481

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Shaft Furnace Smelting of Agglomerate From Oxidized Nickel Ores Using a Preheated Blast, by I.D. Reznik.

RUSSIAN, per, Tsvetnye Metally, No 7, 1959, pp 30-36.

Primary Sources
SMT-2459

Sci - Min/Met
Jul 61

159 483

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

S-5394 (DC-3030).

First Conference of the Scientific-Technical Society of Nonferrous Metallurgy, by T. Osipova, A. Troitskiy, 9 pp.

RUSSIAN, per, Tsvetnyye Metally, No 7, 1959, pp 81-84.

JPRS-L-1889-D

98,579

Sci - Min/Met
Oct 59

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Moskalenko, G. L.
THE USE OF ORGANIC SOLVENTS IN THE METALLURGY OF NICKEL AND COBALT. May 60 [10]p. (4 figs. 1 table omitted) 6 refs. [DSIR LLU] M 3157.
Order from OTS or SLA $1.10 61-27511

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 7, p. 40-46.

Portions of this report will not reproduce well.

DESCRIPTORS: *Organic solvents, Metallurgy, *Nickel, *Cobalt, Separation, Iron, Copper, Salts, Hydrochloric acid, Ethers.

The marked difference in the behaviour of nickel and cobalt (as well as iron and copper) salts in some organic solvents may be employed for the separation (Metallurgy, TT, v. 7, no. 1) (over)

61-27511

I. Moskalenko, G. L.
II. DSIR LLU M.3157
III. International Nickel Co. (Mond) Ltd. (Gt. Brit.).

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

S-5395 (DC-3030).

Conference on Autoclave Processes, by B. N. S., 8 pp.

RUSSIAN, per, Tsvetnyye Metally, No 7, 1959, pp 84-87.

JPRS: L -1890-D

Sci - Min/Met
Oct 59

98, 578

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

The Introduction of Oxygen-Enriched Blasts in Shaft Furnace Lead Smelting at the Ust'-Kamenogorsk Lead-Zinc Combine, by A.M. Vartanyan

RUSSIAN, per, Tsvetnye Metally, no 8, 1959, pp 18-24.

Primary Sources
CR-2877

Sci - Min/Met
Jul 61

159 484

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

(MY-3001/6).

Regarding L. M. Gazaryan's Article 'Certain Characteristics of Modern Conversion and Efficient Technology in Copper-Smelting Plants of the Urals During the Seven-Year Plan,' by A. A. [redacted] Tseydler, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1959, pp 24-27.

JPRS-2370

113,984

USSR
Econ - Technological
Apr 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Investigation of Current Distribution in an Electrolyzer Model, by M. F. Dograamdzhi, 10 pp.

RUSSIAN, per, Tsvetnye Metally, Vol XXXII, No 8, 1959, pp 44-50.

AEC tr-3936

Sci - Electron
Apr 60

112,979

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Smirnov, M. N. and Y. Z. Vydrevich

Improvement of the Hydrochemical Alkaline Method for Extracting Alumina From Nephelite

RUSSIAN, per, Tsvetnyye Metally Moskva, No. 8, 1959, pp. 39-44.

*PL 480
OTS 60-~~XXXXX~~
51138

Dec 61

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

S-5442 (NY-3045).

Some Questions Concerning the Production of Titanium by Means of Molten Media Electrolysis Using Soluble Anodes, by A. B. Suchkov, B. A. Borok, M. I. Rodnyy, T. N. Yermakova, Z. I. Morozova, L. D. Boldina, 8 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1959, pp 50-54.

JPRS-L-1104-N

PS SMT 2469 103, 771

Sci - Min/Met
Jan 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

R-900 (NY-3253).

Removal of Arsenic From Secondary Dust in the Novosibirsk Tin Plant, by V. S. Lovchikov, B. M. Lipshits, A. P. Sorokina, 5 pp.

RUSSIAN, per, Tsvetnyye Metally, No 8, 1959, pp 54-58.

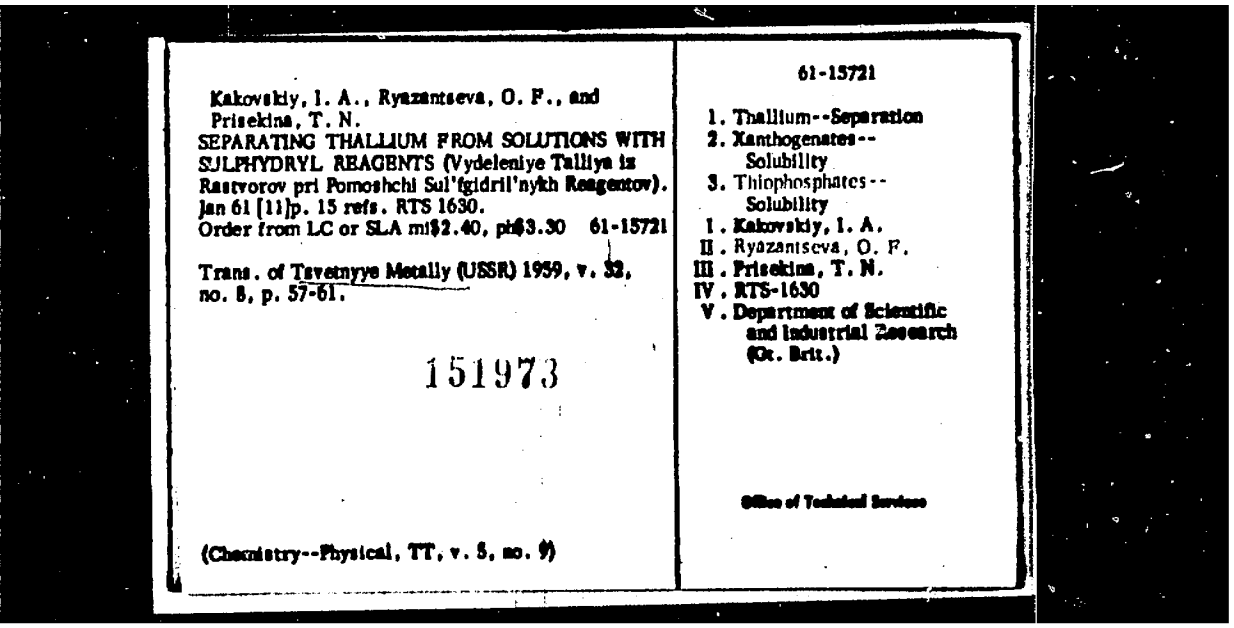
JPRS 2327

USSR
Econ - Technological-Nonferrous Metals
Mar 60

111,425

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2



Kakovskiy, I. A., Ryazantseva, O. F., and Prisekina, T. N.
SEPARATING THALLIUM FROM SOLUTIONS WITH SULPHYDRYL REAGENTS (Vydeleniye Talliya iz Rastvorov pri Pomoshchi Sul'fgidril'nykh Reagentov). Jan 61 [11]p. 15 refs. RTS 1630.
Order from LC or SLA mi$2.40, ph$3.30 61-15721

Trans. of Tsvetnyye Metally (USSR) 1959, v. 32, no. 8, p. 57-61.

151973

(Chemistry--Physical, TT, v. 5, no. 9)

61-15721

1. Thallium--Separation
2. Xanthogenates--Solubility
3. Thiophosphates--Solubility
I. Kakovskiy, I. A.
II. Ryazantseva, O. F.
III. Prisekina, T. N.
IV. RTS-1630
V. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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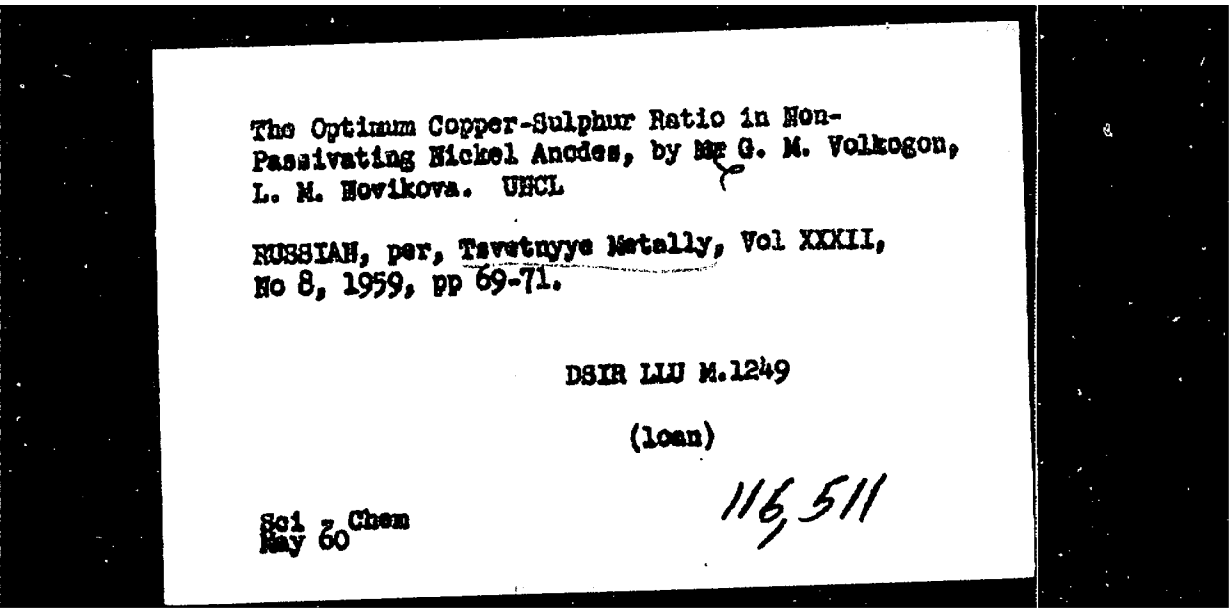
APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2



The Optimum Copper-Sulphur Ratio in Non-Passivating Nickel Anodes, by Mr G. M. Volkogon, L. M. Novikova. UHCL

RUSSIAN, per, Tsvetnyye Metally, Vol XXXII, No 8, 1959, pp 69-71.

DSIR LLU M.1249

(loan)

116,511

Sci z Chem
May 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Smolyaninov, A. I.
STRUCTURE OF COPPER DUST AND ITS PHASE COMPOSITION (Struktura i Fazovyi Sostav Napylennoi Medi). [1963] [9p] (foreign text included) 2refs
Order from OTS, SLA, or ETC $1.10 TT-64-10562

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 8, p. 72-74. (Abstract available)
Other translations are available from LC or SLA mi$1.80, ph$1.80 as TT-61-10232 [1960] [5p] and from PS $5.00 as PS-CR-2875 [1960].

DESCRIPTORS: *Copper coatings, Electrodeposition, Dusts, *Phase studies, Oxidation, Copper compounds, Oxides, Particles, *Microstructure, Chemical analysis, X-ray diffraction analysis,

An investigation was made of copper coatings prepared by the electrometallization method. The chemical analysis, x-ray diffraction spectra dnd microstructure (Metallurgy--Structural, TT, v. 11, no. 9) (over)

TT-64-10562

1. Smolyaninov, A. I.

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Our Fraternization With the Chinese Peoples Republic, by S. S. Mironov, A. I. Bendik, 12 pp.

RUSSIAN, per, Tsvetnyye Metally, No 9, 1959, pp 4-10. 167164/2

FTD MCL-1408/1

FE- China
Pol
Aug 61

16-8-374

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Our Cooperation With the Chinese People's Republic, by S. S. Mironov, A. I. Bendik, 12 pp.

RUSSIAN, per; Tsvetnyye Metally, No 9, 1959, pp 4-10. 9671642

FTD MCL-1408/1

ASIA - China
Pol
28 Nov 61

174, 748

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Mechanization of Granulated Slag Sampling, by V.I. Borzenko.

RUSSIAN, per, Tsvetnye Metally, No 9, 1959, pp 28-32.

Primary Sources
SMT-2475

Sci - Min/Met
Jul 61

159 485

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

R-900 (NY-3253).

Certain Characteristics in the Technology of Processing Combined Copper-Zinc Concentrates at the Sredneural'sk Copper Smelting Plant, by V. A. Aglitskiy, et al, 11 pp.

RUSSIAN, per, Tsvetnyye Metally, No 9, 1959, pp 38-45.

USSR
Econ
~~USSR~~ - Technological-Nonferrous Metals
Mar 60

PS SMT 2481
JPRS 2327

111426

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

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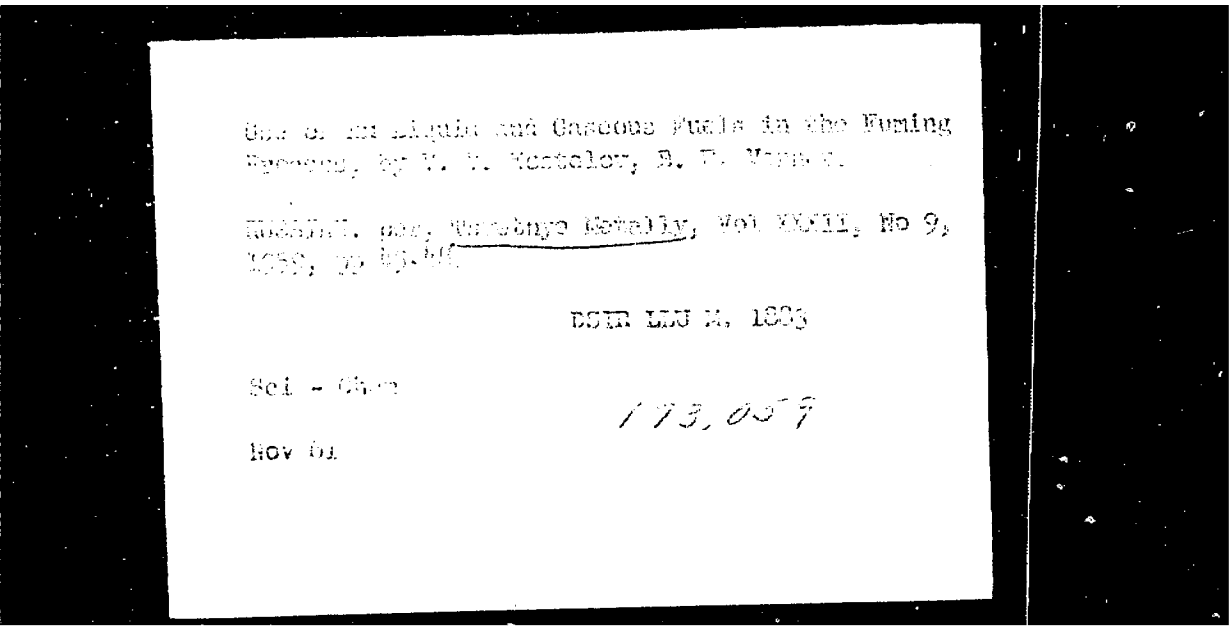

Use of an Argon and Carbon Dioxide Flame in the Fuming Process, by V. V. Pechkovskii, E. T. Vasil'ev

Zhurnal. prik. Khimii, Vol XXXII, No 9, 1959, pp 1945-

DSIR LSD M, 1963

Sci - Chem

173,057

Nov 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

The Clorination of Titanium-Containing Slags,
by I. M. Tselik, N. S. Ukshe.

RUSSIAN, per, Tsvetnyye Metally, No 9, 1959,
pp 49-53.

DSIR R.221.5
Soviet Metal Tech
Vol II, No 4, 1959

PS SMT 2491

Sci - Min/Met

Oct 60

130,737

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Birger, G. I. and Bruk, B. S.
CONTINUOUS MEASUREMENT OF THE CONCENTRATION OF CADMIUM IN ZINC ELECTROLYTE BY MEANS OF A POLAROGRAPHIC CONCENTRATOMETER (Nepreyvnoye Izmereniye Kontsentratsii Kadmiya v Tsinkovom Elektrolite pri Pomoshchi Polyarograficheskogo Kontsentratomera). Jan 61 [5]p. 2 refs. RTS 1631.
Order from LC or SLA mi$1.80, ph$1.80 61-15735

Trans. of Tsvetnyye Metally (USSR) 1959 [v. 32] no. 9, p. 53-56.

151978

(Chemistry--Physical, TT, v. 5, no. 9)

61-15735

1. Cadmium--Determination
2. Electrolytes--Impurities
I. Birger, G. I.
II. Bruk, B. S.
III. RTS-1631
IV. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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Makarova, T. L. and Sosnovskiy, G. N.
PROCESSING OF ELECTROSTATIC FILTER DUSTS FOR EXTRACTION OF RARER METALS
(Pererabotka Pyley Elektrofil'trov s Izvelecheniyem Redkikh Metallov). Apr 61 [10]p. 3 refs. RTS 1815.
Order from OTS or SLA $1.10 61-19696

Trans. of Tsvetnyye Metally (USSR) 1959, v. 32, no. 9, p. 56-61.

DESCRIPTORS: Metals *Germanium, *Thallium, *Cadmium, Separation, Recovery, Particles, Distilling plants, Processing.

(Metallurgy, TT, v. 6, no. 2)

61-19696

I. Makarova, T. L.
II. Sosnovskiy, G. N.
III. RTS-1815
IV. Department of Scientific and Industrial Research (Gt. Brit.)

19465

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

(DC-4800)

Improving the Technology of Hungarian Alumina Production, by Adam Juhasz, 7 pp.

HUNGARIAN, per, Tsvetnyye Metally, Vol XXXII, No 9, 1959, pp 50-61.

JPRS 6323

EEur - Hungary

Econ

134,496

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Automatic Control of the Temperature of Rolling-Mill Rolls, by V. I. Feigin, A. B. Fromberg.

RUSSIAN, per, Tsvetnyye Metally, Vol XXXII, No 9, 1959, pp 63-66.

DSIR LLU RTS 1521
SLA 61-13234

Sci - Engr

Sep 60

125,553

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Method of Rapid Flotation, Means of its Practical Use and Further Improvement, by O. A. Shumkov.
RUSSIAN, per, Tsvetnye Metally, Vol 32, No 10, 1959, pp 1-10.
*NTIS TT 72-53009

Mar 72

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

(NY-3001/6).

Electric Smelting of Copper Concentrates Obtained From the Flotation of Matte, by A. G. Konchakov, 6 pp.

RUSSIAN, per, Tsvetnyye Metally, No 10, 1959, pp 22-24.

JPRS 2370

113, 985

USSR
Econ - Technological
Apr 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

SETEE (NY-3245).

Production of Lead in the Lead-Zinc Plant at Kurdzhali, by N. Kunchev, Ya. Yanchev, G. Kharalampiyev, 17 pp.

RUSSIAN, per, Tsvetnyye Metally, No 10, Moscow, 1959, pp 25-34.

JPRS-2154-N

EEur - Bulgaria
Sci - Min/Met
Jan 60

106,122

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

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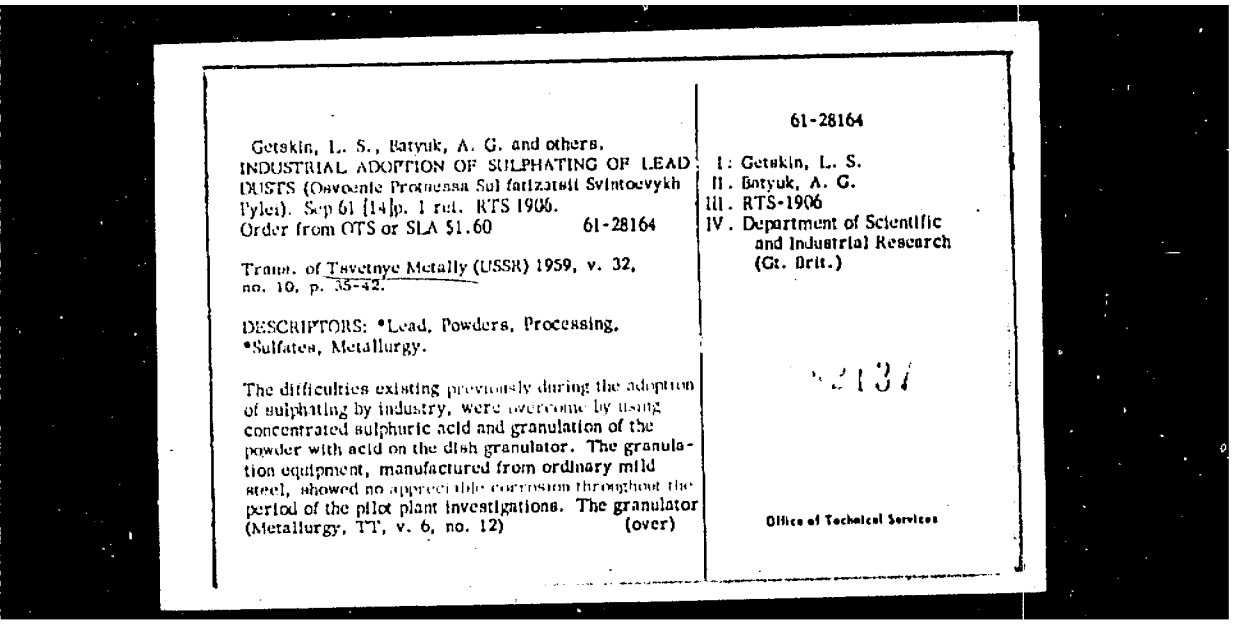

Getskin, L. S., Batyuk, A. G. and others.
INDUSTRIAL ADOPTION OF SULPHATING OF LEAD DUSTS (Osvoenie Protsessa Sul'fatizatsii Svintsovykh Pylei). Sep 61 [14]p. 1 ref. RTS 1906.
Order from OTS or SLA $1.60 61-28164

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 10, p. 35-42.

DESCRIPTORS: *Lead, Powders, Processing, *Sulfates, Metallurgy.

The difficulties existing previously during the adoption of sulphating by industry, were overcome by using concentrated sulphuric acid and granulation of the powder with acid on the disk granulator. The granulation equipment, manufactured from ordinary mild steel, showed no appreciable corrosion throughout the period of the pilot plant investigations. The granulator (Metallurgy, TT, v. 6, no. 12) (over)

61-28164

I: Getskin, L. S.
II. Batyuk, A. G.
III. RTS-1906
IV. Department of Scientific and Industrial Research (Gt. Brit.)

2137

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130014-2

Kim, K. T., Kornakov, D. Ye., and Safronov [N. V.]
EXTRUSION OF TUBES WITH SMALL INTERNAL DIAMETER (Metod Pressovaniya Trub s Malym Vnutrennim Diametrom). [1960] [10]p. 1 ref.
Order from LC or SLA mi$1.80, phS1.80 61-10213

Trans. of Tsvetnyye Metally (USSR) 1959 [v. 32] no. 10, p. 65-68.

A method is described that has been successfully used at the Artemov Plant. Horizontal hydraulic presses are used for extruding hollow shells. A specially designed mandrel, consisting of a shaft and a bottle-neck shaped tip, is required. Tubing of many shapes (rectangular, square, etc.) can be extruded with an internal diameter ranging from 6 to 8 mm.

(Machinery--Manufacturing, TT, v. 5, no. 4)

61-10213

1. Steel tubing--Extrusion
I. Kim, K. T.
II. Kornakov, D. Ye.
III. Safronov, N. V.

143,204

Office of Technical Services

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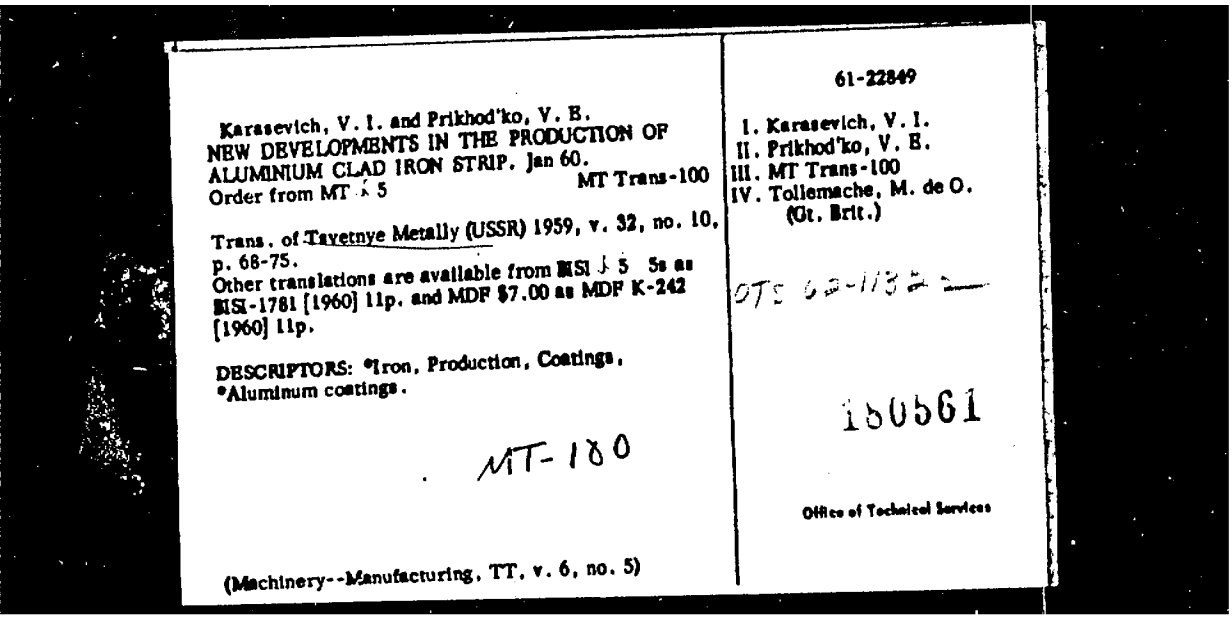

Karasevich, V. I. and Prikhod'ko, V. B.
NEW DEVELOPMENTS IN THE PRODUCTION OF ALUMINIUM CLAD IRON STRIP. Jan 60.
Order from MT - 5 MT Trans-100

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 10, p. 68-75.
Other translations are available from BISI - 5 5s as BISI-1781 [1960] 11p. and MDF $7.00 as MDF K-242 [1960] 11p.

DESCRIPTORS: *Iron, Production, Coatings, *Aluminum coatings.

MT-180

(Machinery--Manufacturing, TT, v. 6, no. 5)

61-22849

I. Karasevich, V. I.
II. Prikhod'ko, V. B.
III. MT Trans-100
IV. Tollemache, M. de O. (Gt. Brit.)

OTS 62-11322

180561

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17

(NY-4363)

SEW*Conference on Concentration of Non-ferrous Metal Ores, by S. I. Mitrofanov, 10 pp.

RUSSIAN, per, Tsvetnyye Metally, No 10, 1959, pp 88-92.

JPRS 4003

Sci - Min/Metals

Aug 60

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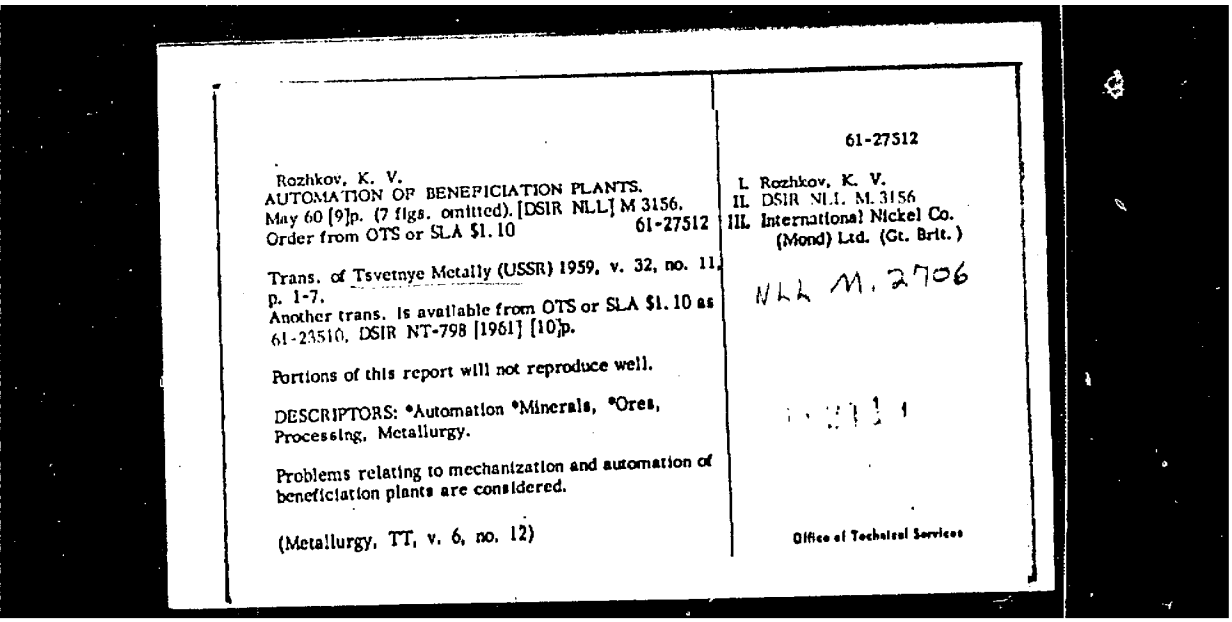

Rozhkov, K. V.
AUTOMATION OF BENEFICIATION PLANTS.
May 60 [9]p. (7 figs. omitted). [DSIR NLL] M 3156.
Order from OTS or SLA $1.10 61-27512

Trans. of Tsvetnye Metally (USSR) 1959, v. 32, no. 11, p. 1-7.
Another trans. is available from OTS or SLA $1.10 as 61-23510. DSIR NT-798 [1961] [10]p.

Portions of this report will not reproduce well.

DESCRIPTORS: *Automation *Minerals, *Ores, Processing, Metallurgy.

Problems relating to mechanization and automation of beneficiation plants are considered.

(Metallurgy, TT, v. 6, no. 12)

61-27512

I. Rozhkov, K. V.
II. DSIR NLL M.3156
III. International Nickel Co. (Mond) Ltd. (Gt. Brit.)

NLL M.2706

Office of Technical Services

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Change in Concentration of Flotation Reagents in Tailings Storage, by L. V. Milovanov.
RUSSIAN, per, Tsvetnye Metally, Vol 32, No 11, 1959, pp 14-17.
*NTIS TT 72-53008

Mar 72

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(R-2638). (DC-3290).

The Benefication of Nickel Oxide Ores, by G. A. Khan, A. I. Zarakhani, 14 pp.

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JPRS 3071 CRL/D. 879

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115383

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RUSSIAN, per. Tsvetnye Metally, Vol XXXII, No 11, 1959, pp 31-32.

MIL NR3 1935

Sci - M/m

Aug 62

OTS 62-24087

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RUSSIAN, per, Tsvetnye Metally, No 11, 1959, pp 55-60.
CIA 9660545

ATIC MCL 618

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The Determination of Production Costs in Processing Multi-Component Raw Materials, by S. Ya. Rachkovskiy, S. A. Fedorov, P. G. Pizhanchikov, T. F. Sobolevskiy, 15 pp.

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JPRS 5294

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JPRS 2739

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The Technology of Concentrating Copper Ores of the Udokansk Deposit, by A. I. Izmodenov, S. L. Rokhlin, G. I. Demidovich, 7 pp.

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JPRS 2739

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